|                 | Index of Claims  |               |                |            |          |                |                     |             |          |          |        |               |                           | A         | Application No.     |           |          |                     |           |          |          |          |          |            |          | Applicant(s)      |              |              |           |         |          |          |   |
|-----------------|------------------|---------------|----------------|------------|----------|----------------|---------------------|-------------|----------|----------|--------|---------------|---------------------------|-----------|---------------------|-----------|----------|---------------------|-----------|----------|----------|----------|----------|------------|----------|-------------------|--------------|--------------|-----------|---------|----------|----------|---|
|                 | i i              |               |                |            |          |                |                     |             |          |          |        |               |                           | 10        | 10/051,144          |           |          |                     |           |          |          |          |          |            |          | SHAMSAIFAR ET AL. |              |              |           |         |          |          |   |
|                 |                  |               |                |            |          |                |                     |             |          |          |        |               |                           | Examiner  |                     |           |          |                     |           |          |          |          |          |            | Art Unit |                   |              |              |           |         |          |          |   |
|                 |                  |               |                |            |          |                |                     |             |          |          |        |               |                           |           | Kimberly E. Glenn   |           |          |                     |           |          |          |          |          |            | 2817     |                   |              |              |           |         |          |          |   |
|                 | -                | _             |                |            |          | ,              |                     |             |          |          |        |               |                           | _         |                     |           |          | _                   |           |          |          |          |          |            |          |                   |              |              |           |         |          |          |   |
|                 | √ Rejected _ (Th |               |                |            |          |                |                     |             |          |          |        |               | hrough numer<br>Cancelled |           |                     |           |          | Non-Eie             |           |          | ec       | ted      |          |            | Appeal   |                   |              |              |           |         |          |          |   |
|                 |                  | Н             |                |            |          | 1              |                     | Н           |          |          |        |               |                           | _         |                     | _         |          |                     |           |          |          |          | -        | A          |          |                   |              |              |           | ┨       |          |          |   |
|                 |                  | =             | All            | ow         | eď       |                |                     | + Restricte |          |          |        |               | cte                       | į         |                     |           |          | I Interfere         |           |          | rer      | ice      |          | 0          | Objected |                   |              |              |           |         |          |          |   |
| <del>- 2.</del> |                  |               |                |            | _        |                | <u> </u>            |             |          | Claire   |        |               |                           |           | _                   |           |          |                     | ,         |          |          | <u> </u> |          |            |          |                   |              |              |           | 1       |          |          |   |
| Cla             |                  | Date          |                |            | П        | П              | $\dashv$            | Claim       |          |          | h      |               |                           |           | Date                |           |          | <del></del>         |           |          | <u> </u> | laim<br> | $\vdash$ | Date       |          |                   |              | Т            | Т         | Т       | ł        |          |   |
| Final           | Original         | 10/17/05      | 200            | 1          |          |                |                     |             |          | 1        |        | Original      |                           |           |                     |           |          |                     |           |          |          |          | Final    | Original   |          |                   |              |              |           |         |          |          |   |
|                 |                  | ğ             | \$             |            |          |                |                     |             |          | Ľ        |        | <u>გ</u>      |                           |           |                     |           |          |                     |           |          |          |          | ш        | δ          |          |                   |              |              |           |         |          |          |   |
|                 | Ŷ                | <b>√</b>      | 1              | +          | +        | Н              |                     | $\dashv$    | 4        |          |        | 51<br>52      | Н                         |           |                     |           |          |                     | $\dashv$  |          | Н        |          |          | 101        | $\Box$   | $\dashv$          | $\dashv$     | 4            | Ŧ         | Ŧ       | L        | $\vdash$ |   |
|                 | 7                | V             | .√             | 土          | 上        |                |                     |             |          |          | $\Box$ | 53            |                           |           |                     |           |          |                     |           | _        |          |          |          | 103        |          |                   | $\pm$        | 士            | $\pm$     | 士       |          |          |   |
|                 | 4                | ✓             | 1              | +          | +        | Н              |                     | 4           | -        | $\vdash$ |        | 54<br>55      | Н                         |           |                     |           | Н        |                     | $\dashv$  |          | П        |          |          | 104        | П        | -                 | 4            | Ţ            | Ŧ         | $\perp$ | L        | $\vdash$ |   |
|                 | 6                | 1             | 7              | +          | +        | Н              |                     |             | _        |          |        | <del>56</del> | H                         | ᅥ         | $\dashv$            |           | Н        | Н                   | ┪         |          | Н        |          |          | 106        | H        | $\dashv$          | +            | +            | 十         | ┿       | ╁        | ╁        |   |
|                 | 7                | $\overline{}$ | <b>√</b>       | Ŧ          | $\perp$  |                |                     | $\Box$      | 7        |          |        | 57            |                           |           |                     |           |          |                     | $\Box$    |          |          |          |          | 107        |          | $\Box$            | 7            | #            | T         | I       | Ĺ        |          | 1 |
|                 | K<br>K           | -             | +              | +          | ╁        | Н              | Н                   | $\dashv$    | $\dashv$ | $\vdash$ |        | 58<br>59      | Н                         | $\dashv$  | $\dashv$            | $\dashv$  |          | Н                   | ┥         |          | Н        |          |          | 108        | Н        | ┪                 | +            | ┿            | +         | +       | ╁        | ╁        | 1 |
|                 | 10               | 回             | -              | T          | T        |                |                     |             | コ        |          | I      | 60            | П                         | $\Box$    |                     |           |          |                     |           |          |          |          |          | 110        | 口        | $\exists$         | #            | 丰            |           | 丰       |          |          |   |
| _ <del>  </del> | 12               | H             | ╁              | ╫          | ╁        | Н              | Н                   | $\dashv$    | ┥        | $\vdash$ | +      | 61<br>62      | Н                         | $\dashv$  | $\dashv$            |           | $\dashv$ |                     | ┥         | -        | Н        |          |          | 111<br>112 | Н        | $\dashv$          | +            | +            | +         | +       | ╀        | -        |   |
|                 | 15               | V             | •              |            |          |                |                     | 二           | ゴ        |          |        | 63            |                           |           |                     |           |          |                     | 1         |          | ਖ        |          |          | 113        |          | 1                 | 1            | 士            | İ         | t       | t        |          |   |
|                 | 14               | X             | <u> </u>       | ┿          | ╀        | -              | Н                   | $\dashv$    | -        | $\vdash$ |        | 64<br>65      | Н                         | -         | $\dashv$            | $\dashv$  | $\dashv$ |                     | -         |          | Н        |          |          | 114<br>115 | $\vdash$ | $\dashv$          | 4            | 1            | 4         | ╀       | ╀        |          |   |
|                 | 16               |               | ÷              | t          | 上        |                |                     | 士           | 1        | E        |        | 66            |                           | $\exists$ |                     |           |          |                     | 7         |          | Н        |          | -        | 116        | Н        | +                 | +            | +            | $\pm$     | +       | ╁        | $\vdash$ |   |
|                 | 17<br>18         | Ý             | 4              | ╀          | 1        |                |                     | 4           | 4        |          |        | 67            | П                         | $\Box$    | $\dashv$            | $\Box$    |          | $\Box$              | $\Box$    |          | П        | ı        |          | 117        | П        | $\dashv$          | $\Box$       | Ţ            | Ŧ         | Ţ       | L        |          |   |
|                 | 18               | 0             | <del>/</del> - | 十          | 十        | Н              | $\dashv$            | 十           | ┨        | $\vdash$ |        | 68<br>69      | Н                         | ┪         | $\dashv$            | ┪         |          | $\dashv$            | $\dashv$  | $\dashv$ | Н        |          |          | 118<br>119 | Н        | ┪                 | ╅            | ╫            | ┿         | ╁       | ╁        | H        |   |
|                 | 20               | $\Box$        | 1              | T          | I        |                |                     | 4           | 7        |          |        | 70            | $\square$                 | $\Box$    | $\Box$              | $\Box$    | $\Box$   | $\Box$              | コ         |          | 口        |          |          | 120        | П        | 7                 | $\downarrow$ | 1            | I         | 1       |          |          |   |
|                 | 21<br>22         | Н             | +              | ╁          | $\vdash$ | Н              | $\dashv$            | +           | $\dashv$ | $\vdash$ |        | 71<br>72      | Н                         | $\dashv$  | ┪                   | ┥         | $\dashv$ | $\dashv$            | $\dashv$  | $\dashv$ | Н        |          |          | 121        | $\vdash$ | +                 | +            | ┿            | ╀         | ╁       | H        | ⊢        |   |
|                 | 23               | $\Box$        | 1              | 1          |          |                | $\Box$              | #           | ]        |          |        | 73            |                           | $\exists$ | コ                   | ╛         | 口        |                     |           |          |          |          |          | 123        |          | #                 | 士            | 1            | 土         | 上       |          |          |   |
|                 | 24<br>25         | $\dashv$      | +              | ╁          | ╁        | Н              | $\dashv$            | +           | -        | $\vdash$ |        | 74<br>75      |                           | 4         | $\dashv$            | $\dashv$  | $\dashv$ | $\dashv$            | -         |          | Н        |          |          | 124<br>125 | Н        | +                 | +            | +            | +         | ╀       | ╀        | H        |   |
|                 | 26               |               | 土              | 土          |          |                |                     | 土           | 1        |          | Ι      | 76            |                           | ╛         | ╛                   |           |          |                     | $\exists$ |          | ਖ        |          |          | 126        |          | 士                 | $\pm$        | $\pm$        | $\dagger$ | t       |          | $\Box$   |   |
|                 | 27<br>28         | $\dashv$      |                | ╄          | ┡        | Н              | $\dashv$            | +           | -        | $\vdash$ |        | 77<br>78      | $\dashv$                  | 4         | 4                   | -         | 4        | 4                   | 4         | 4        | Ц        | -        |          | 127<br>128 | $\vdash$ | 4                 | +            | $\downarrow$ | Ļ         | -       | L        | L        |   |
|                 | 29               |               |                |            |          |                |                     | $\perp$     | _        | $\vdash$ | Т      | 79            | 1                         | $\dashv$  | $\dashv$            | 1         | +        | 1                   | 7         | ┪        | Н        |          |          | 129        | H        | +                 | +            | +            | ╁         | +       | H        | H        |   |
|                 | 30<br>31         | $\dashv$      | $\bot$         | $\bot$     | L        | Ц              | $\dashv$            | $\bot$      | 7        |          |        | 80            | $\Box$                    | $\Box$    | $\Box$              | $\neg$    | $\dashv$ | $\Box$              | $\exists$ | $\Box$   |          |          |          | 130        | П        | $\Box$            | 1            | Ţ            | Ţ         | Ţ       |          |          |   |
| <u> </u>        | 32               | $\forall$     | +              | ╁╴         | ╁        |                | $\dashv$            | +           | ┨        | -        |        | 81<br>82      | $\dashv$                  | $\dashv$  | ┪                   | ┥         | $\dashv$ | $\dashv$            | +         | ┨        | Н        | ŀ        |          | 131<br>132 | Н        | +                 | +            | +            | ╁         | ╁╌      | $\vdash$ | Н        |   |
|                 | 33               | $\Box$        | 1              | I          |          |                | $\rightrightarrows$ | 1           | コ        |          |        | 83            | $\Box$                    | 1         | $\rightrightarrows$ | 耳         | コ        | $\rightrightarrows$ | コ         | コ        |          | Ì        |          | 133        |          | 丁                 | #            | 1            | 土         | İ       |          | Ħ        |   |
| ├┤              | 34<br>35         | +             | +              | ╁          | ╂        | Н              | +                   | +           | ┨        | ┝        |        | 84<br>85      | $\dashv$                  | $\dashv$  | $\dashv$            | $\dashv$  | $\dashv$ | $\dashv$            | +         | ┥        | Н        | ŀ        |          | 134<br>135 | $\vdash$ | +                 | +            | ╀            | ┿         | ╀       | $\vdash$ | Н        |   |
|                 | 36               |               |                |            |          |                | 1                   | 土           | 1        |          |        | 86            |                           | 1         | 士                   |           | 1        | 1                   |           | ╛        |          | ŀ        |          | 136        |          | $\forall$         | 1            | T            | $\pm$     | T       |          |          |   |
|                 | 37<br>38         | $\dashv$      | +              | ╄          | Н        | $\dashv$       | +                   |             | -        | H        |        | 87<br>88      | $\dashv$                  | 4         | 4                   | _         | 4        | 4                   | 4         | _        | Щ        | -        |          | 137        | $\Box$   | 7                 | 7            | Ţ            | Ţ         | Ļ       |          |          |   |
|                 | 39               | +             | +              | +          |          | +              | ┪                   | 十           | ┨        | $\vdash$ |        | 89            | +                         | $\dashv$  | $\dashv$            | $\dashv$  | ┪        | ┪                   | $\dashv$  | ┪        | $\dashv$ | ŀ        |          | 138<br>139 | $\vdash$ | +                 | ╁            | +            | +         | ╁       | Н        | Н        |   |
|                 | 40               | $\Box$        |                | T          |          | $\Box$         | $\exists$           | 1           | 7        |          |        | 90            | $\Box$                    | $\exists$ | 1                   | $\exists$ | $\Box$   | コ                   | #         | $\Box$   |          | Ì        |          | 140        |          | 1                 | 1            | 1            | 丰         | L       |          |          |   |
|                 | 41<br>42         | +             | +              | 十          | Н        | $\dashv$       | $\dashv$            | +           | ┨        | -        |        | 91<br>92      | ┥                         | +         | +                   | $\dashv$  | +        | $\dashv$            | +         | 4        | $\dashv$ | ŀ        |          | 141<br>142 | $\dashv$ | +                 | +            | +-           | +         | ╀       | Н        | Н        |   |
|                 | 43               | コ             |                | I          | П        |                | 士                   | 土           | 1        |          |        | 93            | 寸                         | 士         | 士                   | ⇉         | #        | 士                   | 士         | ╛        |          | t        |          | 143        |          | 士                 | 土            | İ            | 土         | İ       |          | H        |   |
| $\vdash$        | 44<br>45         | -             | +              | ╀          | H        | $\dashv$       | +                   | +           | 4        | <u> </u> |        | 94<br>95      | $\dashv$                  |           | 4                   | 4         | 4        | $\dashv$            | +         | 4        | 7        | F        |          | 144<br>145 | $\Box$   | $\dashv$          | Ŧ            | Ŧ            | F         | F       | П        | П        |   |
|                 | 46               |               | 士              | $\perp$    | H        | ╗              | 士                   | 土           | _        |          |        | 96            | _                         | _         | $\dagger$           | Ⅎ         | _        | _                   | _†        | _†       | $\dashv$ | ł        |          | 146        | +        | +                 | +            | ╁            | ╁         | ╁       | Н        | Н        | ı |
|                 | 47<br>48         | 4             | $\bot$         | -          | П        | $\blacksquare$ | $\dashv$            | Ţ           | 7        |          | Ī      | 97            | $\dashv$                  | 7         | 丁                   | I         | 4        | $\dashv$            | 7         | 7        | コ        | 1        |          | 147        | $\Box$   | 7                 | 1            | Ţ            | I         | L       |          | 口        | ı |
|                 | 49               | 士             | $\pm$          | $^{\perp}$ | H        | $\dashv$       | $\dashv$            | +           | $\dashv$ | -        |        | 98<br>99      | $\dashv$                  | +         | +                   | $\dashv$  | $\dashv$ | $\dashv$            | +         | ┪        | ┥        | ŀ        |          | 148<br>149 | ┥        | +                 | ╁            | ╁            | ┿         | ╀       | Н        | $\dashv$ | ı |
|                 | 50               | $\Box$        | $oxed{\Box}$   | L.         |          | $\Box$         |                     |             | ]        |          |        | 00            |                           | 工         |                     | ユ         | I        |                     | 土         | ユ        | ゴ        | t        |          | 150        |          | 土                 | 土            | 土            |           | 亡       |          |          |   |